FIG. 1

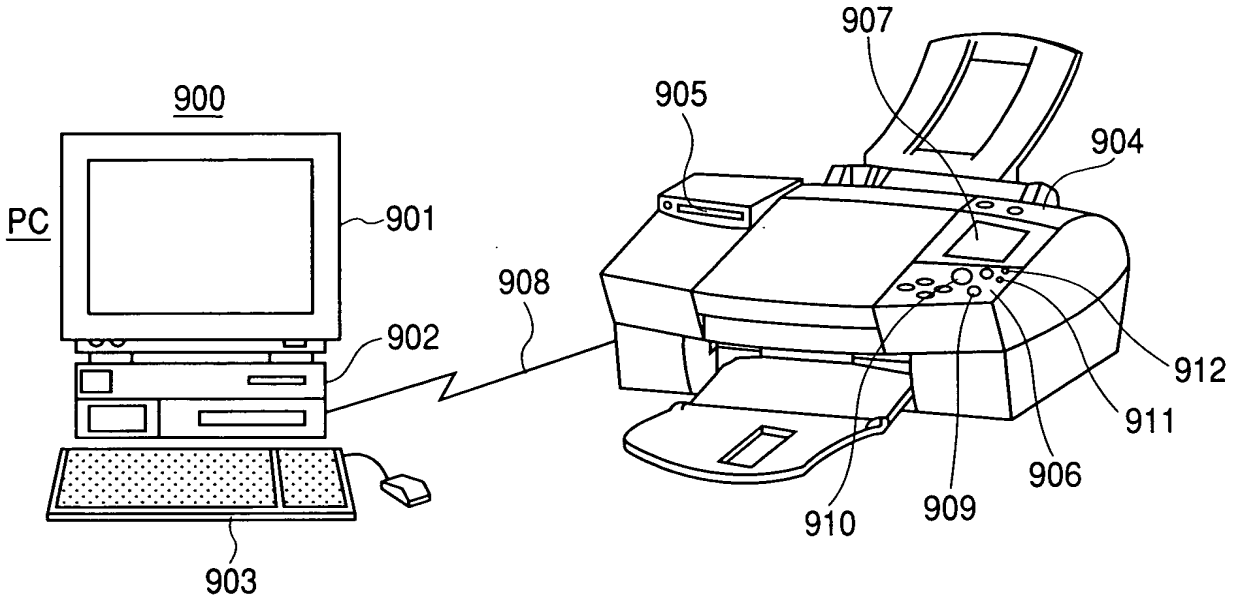


FIG. 2

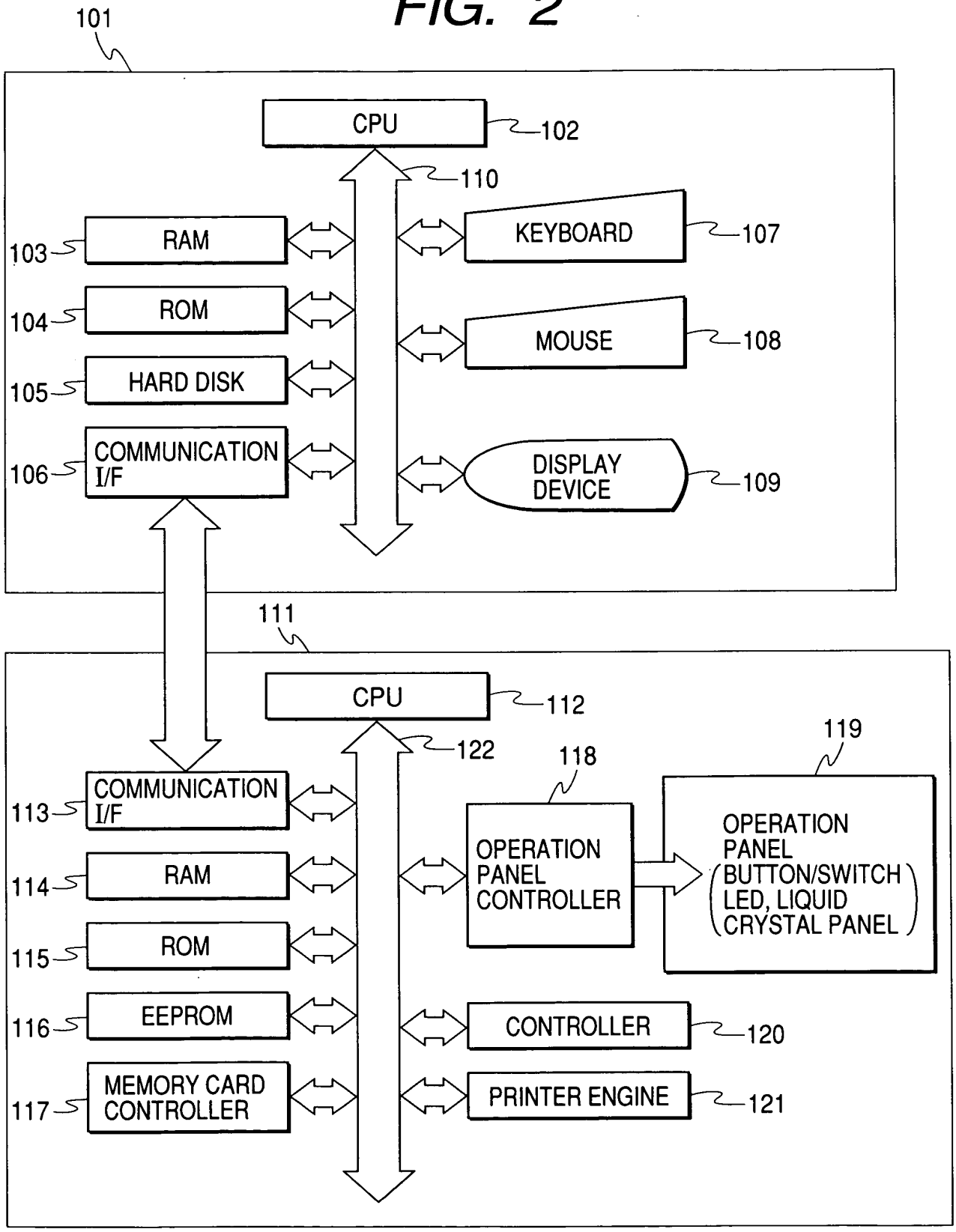

101
CPU
102
110
RAM
103
ROM
104
HARD DISK
105
COMMUNICATION I/F
106
KEYBOARD
107
MOUSE
108
DISPLAY DEVICE
109
111
CPU
112
122
COMMUNICATION I/F
113
RAM
114
ROM
115
EEPROM
116
MEMORY CARD CONTROLLER
117
118
OPERATION PANEL CONTROLLER
119
OPERATION PANEL
(BUTTON/SWITCH
LED, LIQUID
CRYSTAL PANEL)
CONTROLLER
120
PRINTER ENGINE
121

FIG. 3

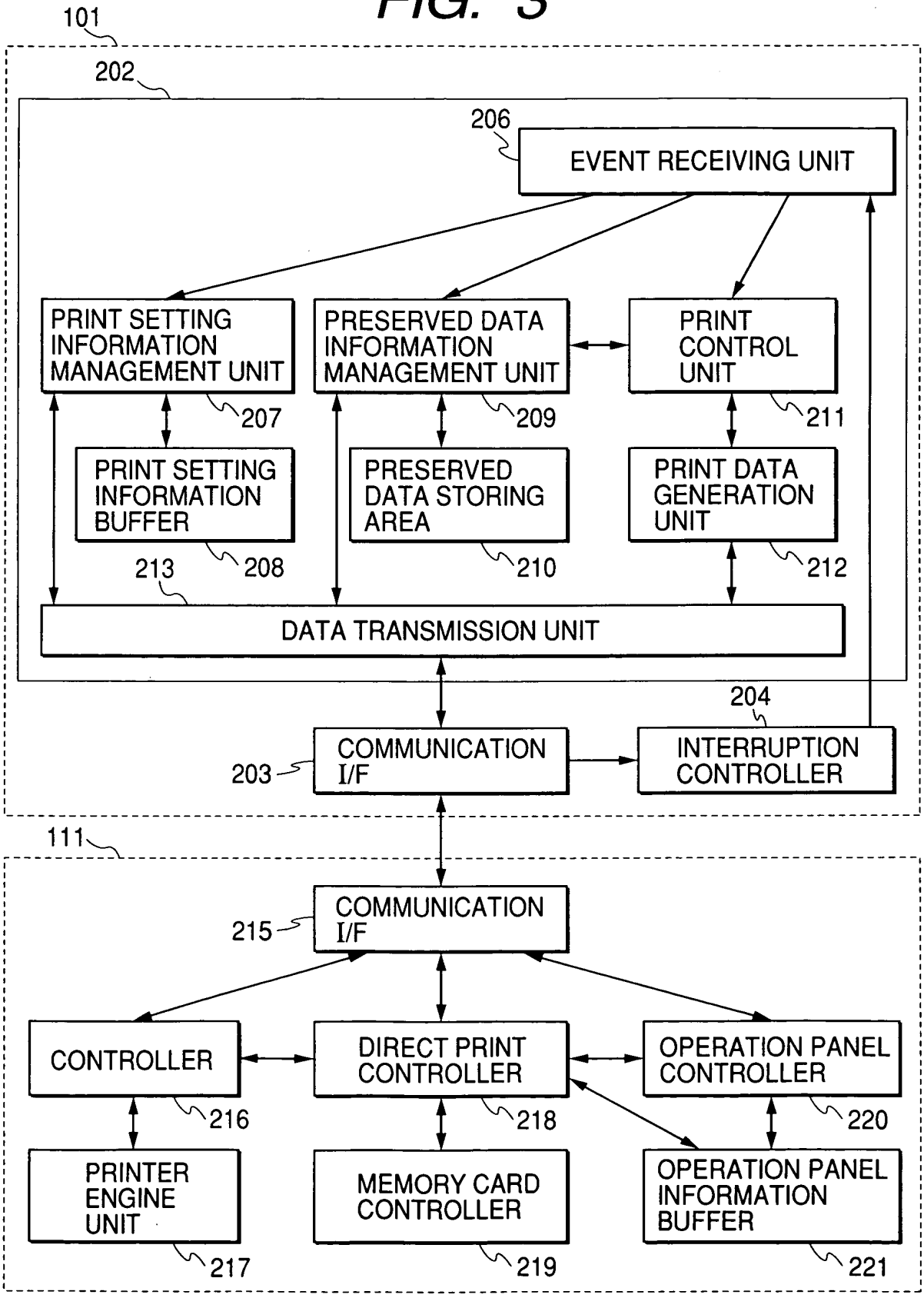

101
202
206
EVENT RECEIVING UNIT
PRINT SETTING INFORMATION MANAGEMENT UNIT
207
PRESERVED DATA INFORMATION MANAGEMENT UNIT
209
PRINT CONTROL UNIT
211
PRINT SETTING INFORMATION BUFFER
208
PRESERVED DATA STORING AREA
210
PRINT DATA GENERATION UNIT
212
213
DATA TRANSMISSION UNIT
204
203
COMMUNICATION I/F
INTERRUPTION CONTROLLER
111
215
COMMUNICATION I/F
CONTROLLER
216
DIRECT PRINT CONTROLLER
218
OPERATION PANEL CONTROLLER
220
PRINTER ENGINE UNIT
217
MEMORY CARD CONTROLLER
219
OPERATION PANEL INFORMATION BUFFER
221

FIG. 4

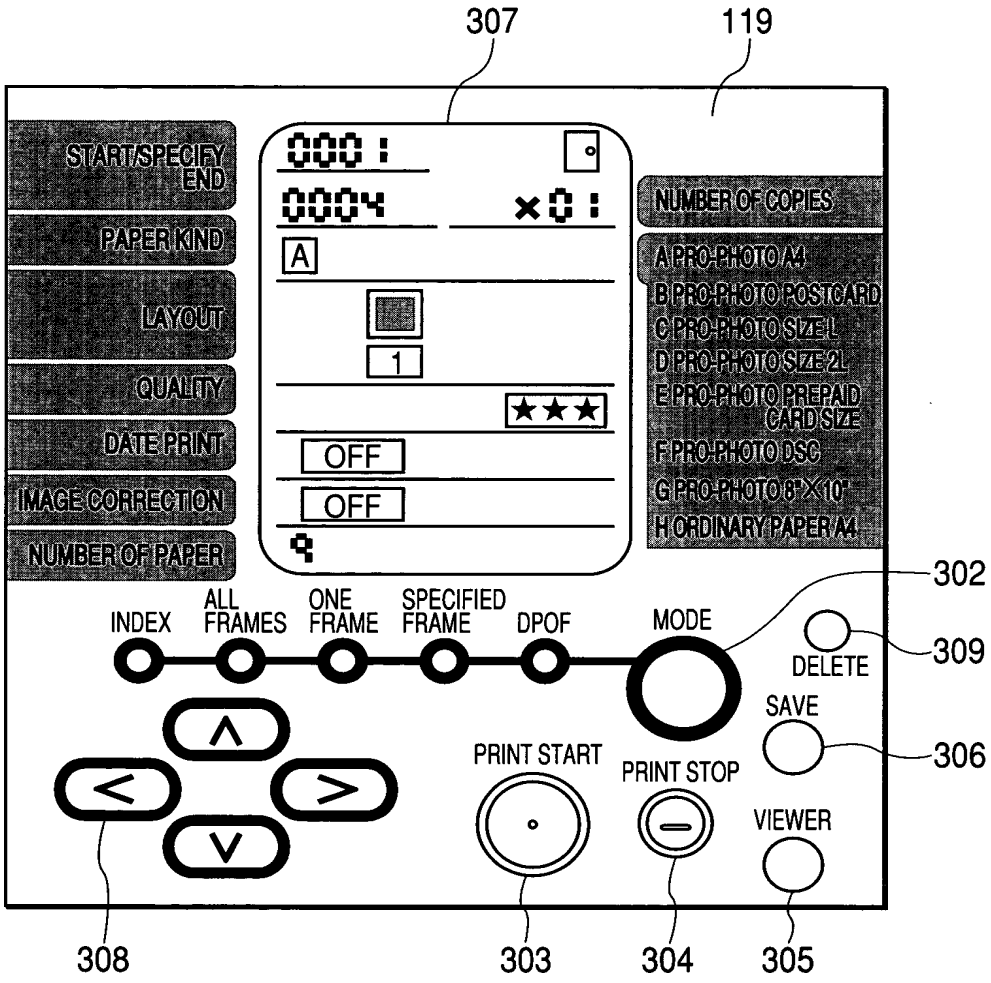

307
119
START/SPECIFY END
PAPER KIND
LAYOUT
QUALITY
DATE PRINT
IMAGE CORRECTION
NUMBER OF PAPER
000 :
0004
×01
A
1
★★★
OFF
OFF
NUMBER OF COPIES
A PRO-PHOTO A4
B PRO-PHOTO POSTCARD
C PRO-PHOTO SIZE L
D PRO-PHOTO SIZE 2L
E PRO-PHOTO PREPAID CARD SIZE
F PRO-PHOTO DSC
G PRO-PHOTO 8"×10"
H ORDINARY PAPER A4
INDEX
ALL FRAMES
ONE FRAME
SPECIFIED FRAME
DPOF
MODE
302
DELETE
309
SAVE
306
PRINT START
PRINT STOP
VIEWER
308
303
304
305

FIG. 5

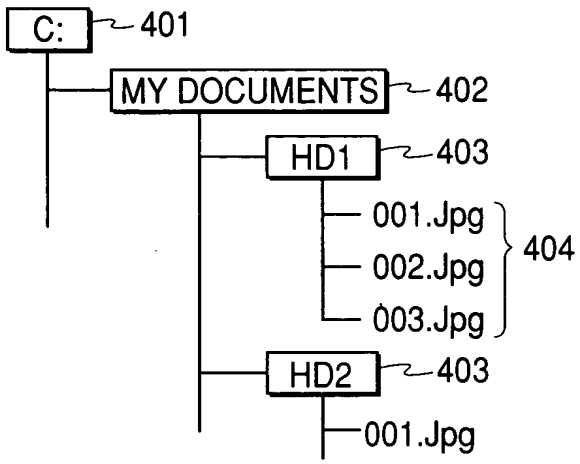

C:
401
MY DOCUMENTS
402
HD1
403
001.Jpg
002.Jpg
003.Jpg
404
HD2
403
001.Jpg

FIG. 6

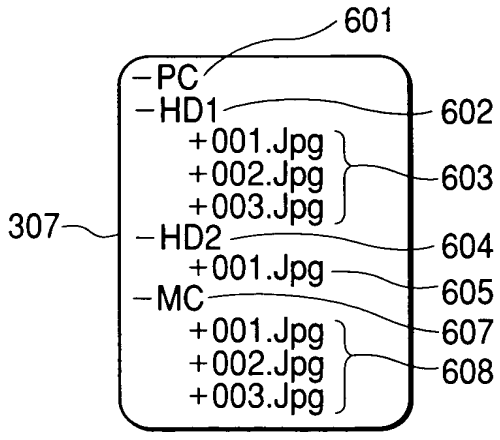

601
-PC
-HD1
602
+001.Jpg
+002.Jpg
+003.Jpg
603
307
-HD2
604
+001.Jpg
605
-MC
607
+001.Jpg
+002.Jpg
+003.Jpg
608

FIG. 7

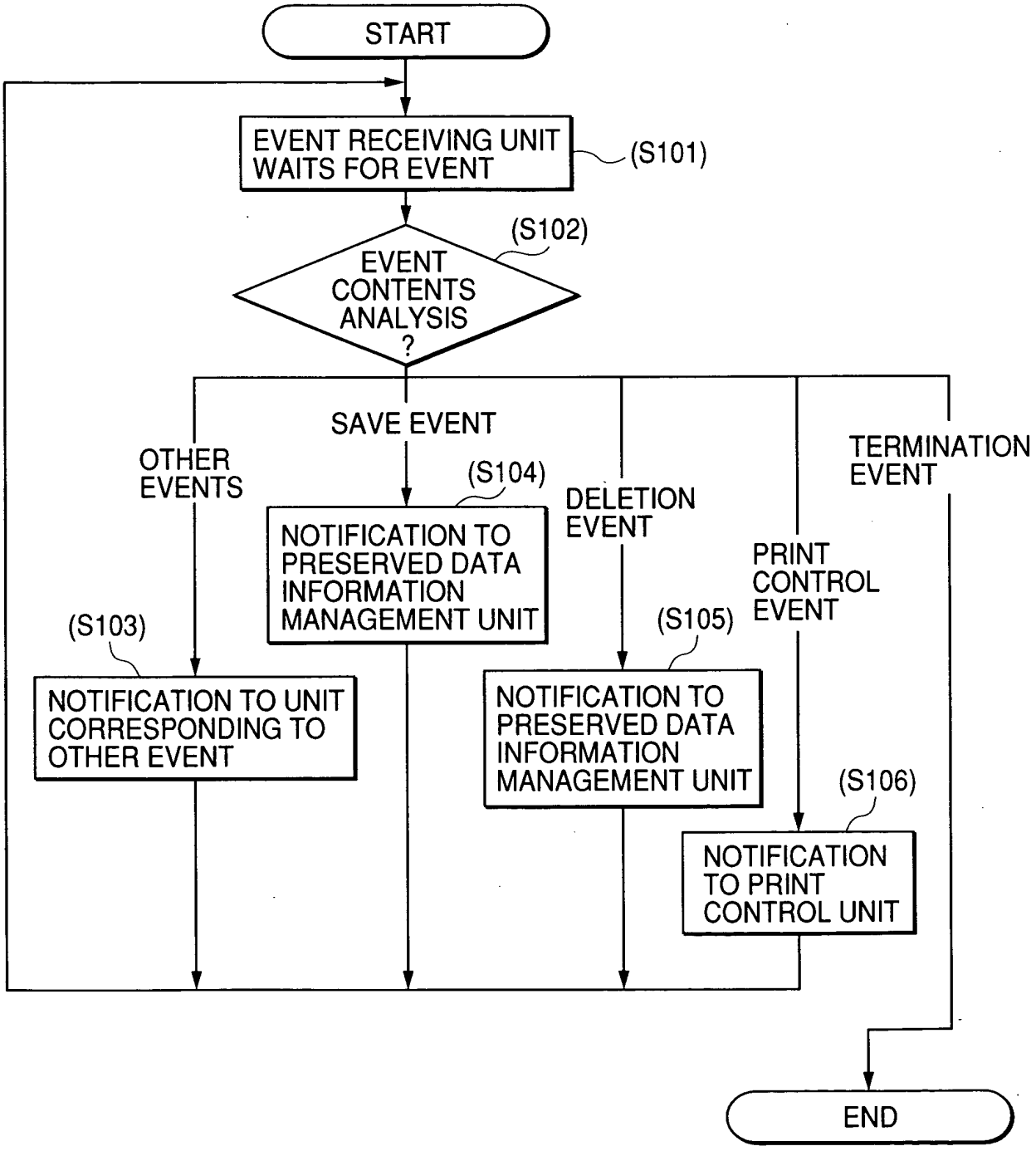

START
EVENT RECEIVING UNIT WAITS FOR EVENT
(S101)
(S102)
EVENT CONTENTS ANALYSIS ?
SAVE EVENT
OTHER EVENTS
(S104)
NOTIFICATION TO PRESERVED DATA INFORMATION MANAGEMENT UNIT
DELETION EVENT
PRINT CONTROL EVENT
TERMINATION EVENT
(S103)
NOTIFICATION TO UNIT CORRESPONDING TO OTHER EVENT
(S105)
NOTIFICATION TO PRESERVED DATA INFORMATION MANAGEMENT UNIT
(S106)
NOTIFICATION TO PRINT CONTROL UNIT
END

FIG. 8

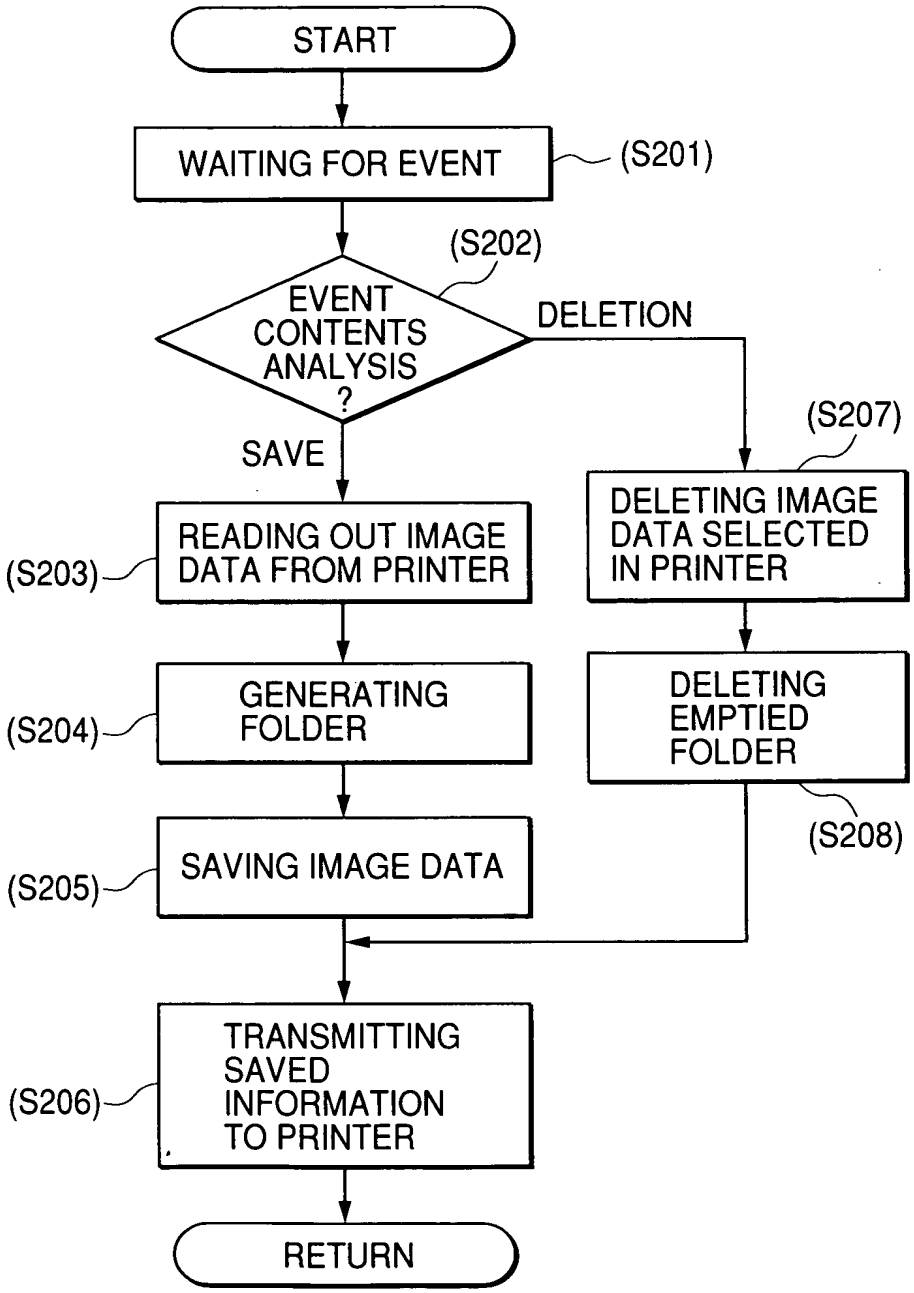

START
WAITING FOR EVENT
(S201)
(S202)
EVENT CONTENTS ANALYSIS ?
DELETION
SAVE
(S207)
DELETING IMAGE DATA SELECTED IN PRINTER
(S203)
READING OUT IMAGE DATA FROM PRINTER
(S204)
GENERATING FOLDER
DELETING EMPTIED FOLDER
(S208)
(S205)
SAVING IMAGE DATA
(S206)
TRANSMITTING SAVED INFORMATION TO PRINTER
RETURN

FIG. 9

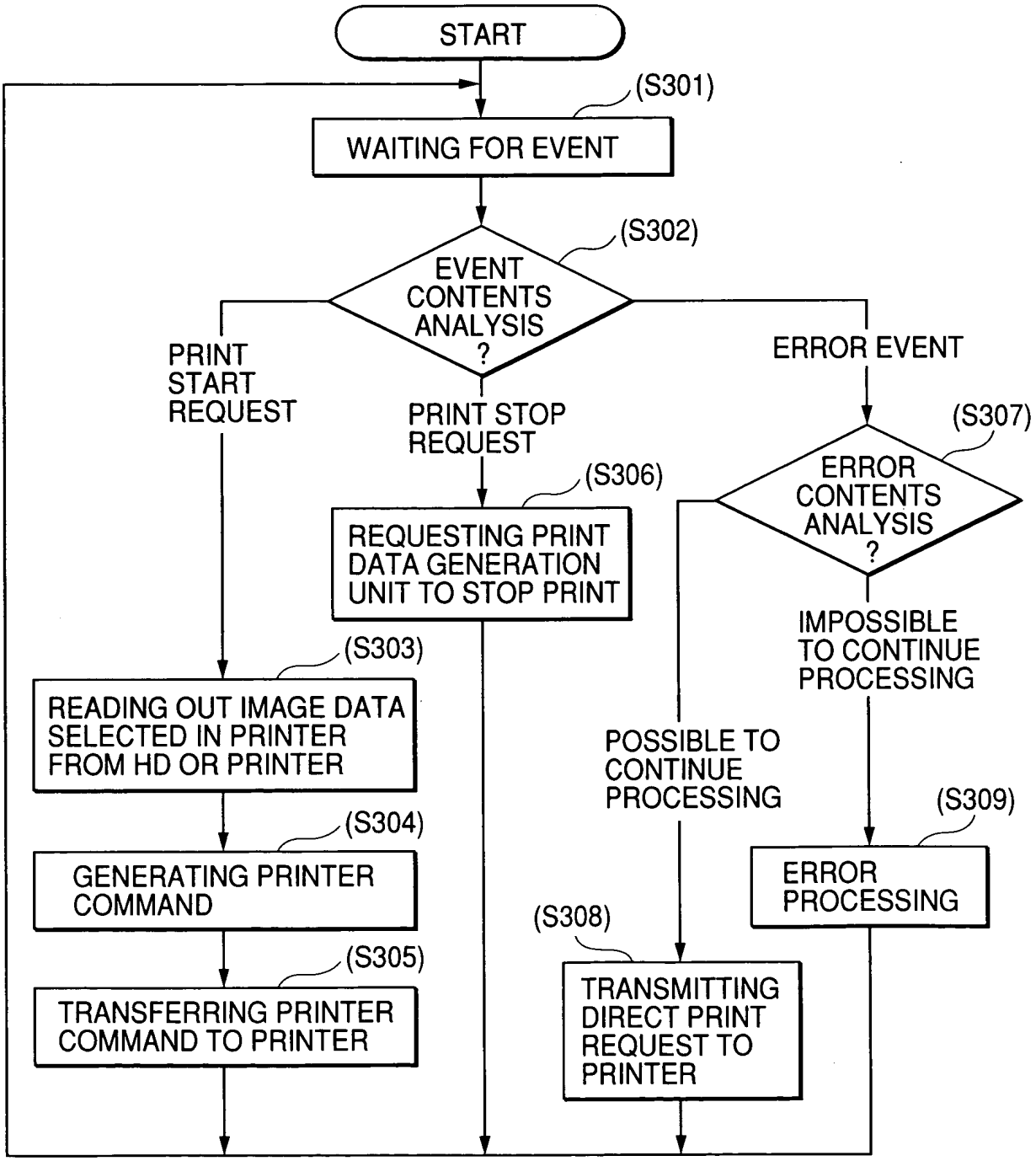
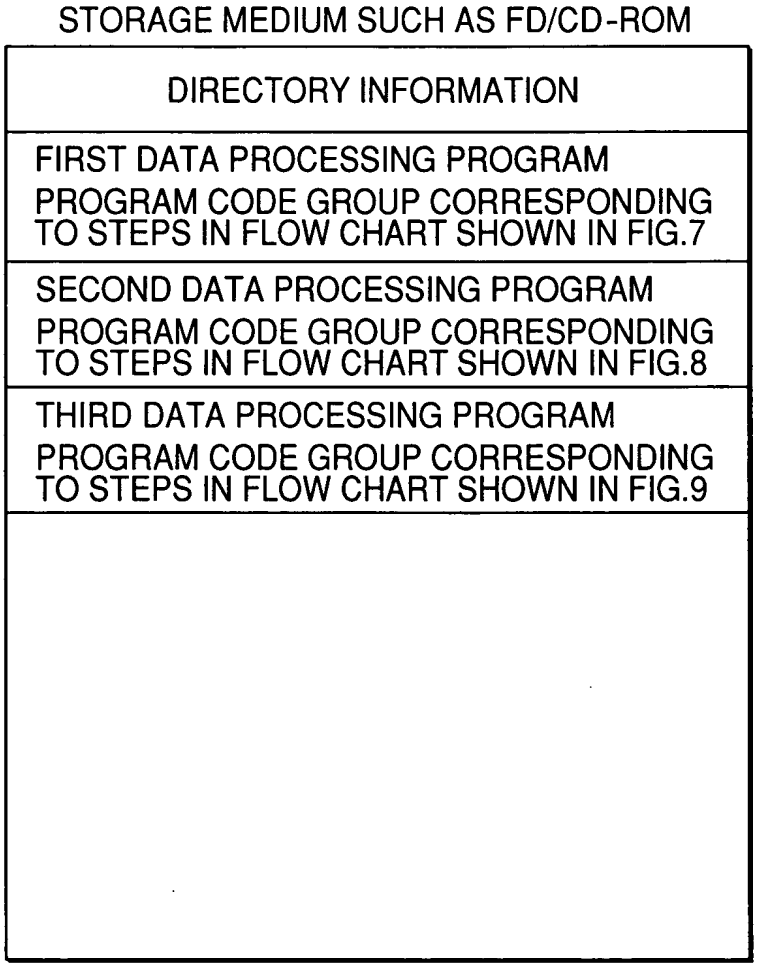

START
(S301)
WAITING FOR EVENT
(S302)
EVENT CONTENTS ANALYSIS ?
PRINT START REQUEST
PRINT STOP REQUEST
ERROR EVENT
(S307)
ERROR CONTENTS ANALYSIS ?
(S306)
REQUESTING PRINT DATA GENERATION UNIT TO STOP PRINT
IMPOSSIBLE TO CONTINUE PROCESSING
POSSIBLE TO CONTINUE PROCESSING
(S303)
READING OUT IMAGE DATA SELECTED IN PRINTER FROM HD OR PRINTER
(S304)
GENERATING PRINTER COMMAND
(S305)
TRANSFERRING PRINTER COMMAND TO PRINTER
(S308)
TRANSMITTING DIRECT PRINT REQUEST TO PRINTER
(S309)
ERROR PROCESSING

FIG. 10


STORAGE MEDIUM SUCH AS FD/CD-ROM
DIRECTORY INFORMATION
FIRST DATA PROCESSING PROGRAM
PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHART SHOWN IN FIG.7
SECOND DATA PROCESSING PROGRAM
PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHART SHOWN IN FIG.8
THIRD DATA PROCESSING PROGRAM
PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHART SHOWN IN FIG.9